

Errata for  
*Mathematics by Experiment: Plausible Reasoning in the 21st Century*  
 First Printing (Oct 2003) Copyright 2004  
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Since the release of the first volume of our book in October 2003, a number of colleagues have graciously provided reports of various errors and glitches. We list here those that we regard as serious enough to possibly impede understanding and/or usage of the book. The others we hope to address when the book is reprinted.

1. Citation errors. Due to an unfortunate error in the production of the printed copy, some of the citations of references do not point to the correct item in the bibliography. Here is the “algorithm” for determining the correct item in the bibliography:

Citation Number    Bibliography number

[1]–[85]	Citation number is correct
[86, pg 100]	[86]
[86, pg 2]	[87]
[87]–[156]	Add one to citation number
[157]	[159]
[158, pg 139]	[158]
[158, pg 97]	[160]
[159–196]	Add two to citation number

2. Page 30, item 19. This particular URL no longer points to a note about primes in  $\pi$ , and in any event the eminent Donald Knuth was not the author. This item should be replaced by:

19. The mathpages.com site (various interesting notes about mathematics):  
<http://www.mathpages.com>

3. Page 56, lines 21–22. Replace “Bernoulli” by “Euler” in these two lines.

4. Page 236, item 3. The second displayed equation should read:

$$\frac{10^{1999} - 6}{3} < 10^{1000} \sqrt{N} < \frac{10^{1999} - 4}{3}.$$